





**LACQUER-FILM-FORMING RESIN FOR NAIL****Publication number:** JP6299075**Publication date:** 1994-10-25**Inventor:** MIRAN FURANTSU SOJIEKA**Applicant:** DOW CORNING**Classification:**

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Abstract not available for JP6299075

Abstract of corresponding document: **US5302379**

An improved nail lacquer containing a film forming resin, a plasticizer, and a solvent. The improvement resides in utilizing as the film forming resin a blend of: (i) a graft copolymer having a main backbone chain of acrylic ester units and methacrylic ester units, with the main backbone chain having grafted thereto pendant trialkoxysilyl groups and pendant ethylene glycol dimethacrylate groups; and (ii) a silsesquioxane resin containing RSiO<sub>3/2</sub> units and (triple bond)SiOH units in which R is an alkyl group or an aryl group. In an alternate form of the invention, the film forming resin is not a blend, but an improved type of graft copolymer containing, in addition to pendant trialkoxysilyl groups, pendant vinylbenzyl chloride groups.

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